



The DFG 700 Tripe Head Planetary Floor Grinder has been developed to meet the increasing demand for this principle and grinding materials to a finished product

The DFG 700 has all the benefits of the popular single and twin head DFG machines but also allows the operator to grind large areas to a fine finish, eliminating swirl marks that can be left by conventional grinding methods. The main drive plate is driven through a heavy duty gearbox and each grinding tool is then turned independently at an increased RPM. The DFG 700 has a variable speed control device to suit various applications. Environmental considerations are fully controlled with an adjustable dust extraction skirt for dry use and a facility for using water when wet grinding. A major advantage of the DFG 700 is the option of a 3 phase electric motor or gasoline/diesel engine. This gives a unique versatility for outdoor use or when electrical power may not be available.

A single speed option is also available for general surface preparation applications.



Specifications		
Type	DFG 700	
Part Number	DFG 700-1	DFG 700-2
Power Output	11kw	11kw
Voltage	400	400
Cycles	50hz	50hz
Head Speed	3 X 180rpm/400rpm	400rpm
Motor Speed	2800rpm	2800rpm
Machine Dimensions		
Length	1570mm (61.8")	1570mm (61.8")
Width	680mm (26.8")	680mm (26.8")
Height	700mm (43")	700mm (43")
Weight	292kg (644lbs)	287kg (633lbs)
Pivotal Weight	2 x 20kg	2 x 20kg
Water Tank Capacity	32.5L (8.8 US gal)	32.5L (8.8 US gal)

Features

- Heavy duty gearbox drive system
- Grinding heads supported by multi-directional flexible coupling
- Variable grinding speed - DFG700-1
- Robust construction
- Anti-vibration handle bar mount
- Quick release drive plate system
- Pivotal weights
- Can be used with conventional DFG Diamond Plates
- 75mm (3") Dust Port
- Dust free when used with VAC 316 415v Dust collector

Applications

- Accurate grinding of concrete surfaces
- Re-profiling of old concrete floors
- Removal of old coatings and contaminants
- Grinding and finishing of resin based and tiled terrazzo
- Provides ideal preparation for thin film coating
- Concrete polishing

Electrical Requirements						
Machine	Volts	Plug Size	Cable Size	Max Cable Length	Transformer	Generator
DFG 700-1 DFG 700-2	400	32A 5 Pin	6mm (0.2") 4 Core	75m (246')	-	20 kva



1-866-501-1683
375 Annagem Blv. Mississauga,
ON, Canada, L5T 3A7
www.bartellmorrison.com

1-888-999-1570
200 Commerce Dr. Freehold,
NJ, U.S.A, 00728
www.bartellmorrison.com

44-(0)1673-860709
Honeyholes Lane, Dunholme
Lincoln. LN2 3SU. U.K.
www.spe-int.com

1-800-267-6682
832 80th St. SW. Everett,
Washington, U.S.A, 98203
www.innovatechproducts.com